

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10 / 682, 332  
Source: LEW16  
Date Processed by STIC: 07/26/2005

# ***ENTERED***



IFW16

## RAW SEQUENCE LISTING

DATE: 07/26/2005

PATENT APPLICATION: US/10/682,332

TIME: 13:23:53

Input Set : A:\51471-20006.00.TXT

Output Set: N:\CRF4\07262005\J682332.raw

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4 <110> APPLICANT: SHELTON, David L.
5   VERGARA, German J.
7 <120> TITLE OF INVENTION: METHODS FOR TREATING PAIN BY
8   ADMINISTERING A NERVE GROWTH FACTOR ANTAGONIST AND AN OPIOID
9   ANALGESIC AND COMPOSITIONS CONTAINING THE SAME
12 <130> FILE REFERENCE: 51471-20006.00
14 <140> CURRENT APPLICATION NUMBER: US 10/682,332
15 <141> CURRENT FILING DATE: 2003-10-08
17 <150> PRIOR APPLICATION NUMBER: US 60/417,347
18 <151> PRIOR FILING DATE: 2002-10-08
20 <160> NUMBER OF SEQ ID NOS: 2
22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 121
26 <212> TYPE: PRT
27 <213> ORGANISM: Artificial Sequence
29 <220> FEATURE:
30 <223> OTHER INFORMATION: Synthetic Construct
32 <400> SEQUENCE: 1
33 Pro Gln Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser
34 1           5           10           15
35 Glu Thr Leu Ser Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ile Gly
36           20           25           30
37 Tyr Asp Leu Asn Trp Ile Arg Gln Pro Pro Gly Lys Gly Leu Glu Trp
38           35           40           45
39 Ile Gly Ile Ile Trp Gly Asp Gly Thr Thr Asp Tyr Asn Ser Ala Val
40           50           55           60
41 Lys Ser Arg Val Thr Ile Ser Lys Asp Thr Ser Lys Asn Gln Phe Ser
42 65           70           75           80
43 Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
44           85           90           95
45 Ala Arg Gly Gly Tyr Trp Tyr Ala Thr Ser Tyr Tyr Phe Asp Tyr Trp
46           100          105          110
47 Gly Gln Gly Thr Leu Val Thr Val Ser
48           115          120
51 <210> SEQ ID NO: 2
52 <211> LENGTH: 110
53 <212> TYPE: PRT
54 <213> ORGANISM: Artificial Sequence
56 <220> FEATURE:
57 <223> OTHER INFORMATION: Synthetic Construct
59 <400> SEQUENCE: 2
60 Pro Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val

```

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61	1				5					10					15	
62	Gly	Asp	Arg	Val	Thr	Ile	Thr	Cys	Arg	Ala	Ser	Gln	Ser	Ile	Ser	Asn
63				20					25					30		
64	Asn	Leu	Asn	Trp	Tyr	Gln	Gln	Lys	Pro	Gly	Lys	Ala	Pro	Lys	Leu	Leu
65			35					40					45			
66	Ile	Tyr	Tyr	Thr	Ser	Arg	Phe	His	Ser	Gly	Val	Pro	Ser	Arg	Phe	Ser
67		50					55					60				
68	Gly	Ser	Gly	Ser	Gly	Thr	Asp	Phe	Thr	Phe	Thr	Ile	Ser	Ser	Leu	Gln
69	65					70					75				80	
70	Pro	Glu	Asp	Ile	Ala	Thr	Tyr	Tyr	Cys	Gln	Gln	Glu	His	Thr	Leu	Pro
71					85				90					95		
72	Tyr	Thr	Phe	Gly	Gln	Gly	Thr	Lys	Leu	Glu	Ile	Lys	Arg	Thr		
73				100					105					110		

**VERIFICATION SUMMARY**

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